Amendment to the Specification:

Please replace paragraph two on page 8 with the following paragraph:

Alternatively, interpretation 22 could be implemented by analyzing biological sample 14 with an array procedure, preferably any one of several DNA microarray technologies, such as the ~~NanoChip~~ NANOCHIP® array available from ~~Nanogen~~ NANOGEN, INC. (10398 Pacific Center Ct., San Diego, California, 92121) and the ~~GeneChip available from Affymetrix~~ GENECHIP® array available from AFFYMETRIX, INC. (3380 Central Expressway, Santa Clara, California, 95051). These technologies involve arrays, or orderly arrangement of DNA probes to match known and unknown DNA sequences based on base-pairing rules. These arrays are placed on microchips so that the process of identifying the unknown sequences being tested is automated. In this case, searching 23 would utilize these technologies to analyze DNA samples and determine the presence of target DNA sequences, including SNP's, by testing the samples with cloned probes that mate only with the target sequences. Thus, if individual 12 were concerned about developing cystic fibrosis because of his or her family history, this DNA microarray technology could test genome 16 with a DNA probe cloned to include the sequence of bases that pair with the AF508 mutation associated with cystic fibrosis.